



## NUCLEAR REGULATORY COMMISSION

[Docket No. 11006421; NRC-2021-0164]

**Perma-Fix Northwest Richland, Inc.**

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Export license application; opportunity to provide comments, request a hearing, and petition for leave to intervene.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) received and is considering issuing an export license (XW029) requested by Perma-Fix Northwest Richland, Inc. (PFNW). On July 2, 2021, PFWN filed an application with the NRC for a license authorizing the export of low-level radioactive waste to BWXT Medical, Ltd., Canada. The NRC is providing notice of the opportunity to comment, request a hearing, and petition to intervene on PFWN's application.

**DATES:** Submit comments by [INSERT DATE 30 DAYS AFTER DATE OF PUBLICATION IN THE *FEDERAL REGISTER*]. A request for a hearing or a petition for leave to intervene must be filed by [INSERT DATE 30 DAYS AFTER PUBLICATION IN THE *FEDERAL REGISTER*].

**ADDRESSES:** You may submit comments by any of the following methods; however, the NRC encourages electronic comment submission through the **Federal Rulemaking Website**:

- **Federal Rulemaking Website:** Go to <https://www.regulations.gov> and search for Docket ID **NRC-2021-0164**. Address questions about Docket IDs in Regulations.gov to Stacy Schumann; telephone: 301-415-0624; email: [Stacy.Schumann@nrc.gov](mailto:Stacy.Schumann@nrc.gov). For technical questions contact the individual listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- **Email comments to:** [Hearing.Docket@nrc.gov](mailto:Hearing.Docket@nrc.gov). If you do not receive an automatic email reply confirming receipt, then contact us at 301-415-1677.

- **Fax comments to:** Secretary, U.S. Nuclear Regulatory Commission at

301-415-1101.

- **Mail comments to:** Secretary, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, ATTN: Rulemakings and Adjudications Staff.

For additional direction on obtaining information and submitting comments, see “Obtaining Information and Submitting Comments” in the SUPPLEMENTARY INFORMATION section of this document.

**FOR FURTHER INFORMATION CONTACT:** Gary Langlie, Office of International Programs, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 301-287-9076, email: Gary.Langlie@nrc.gov.

**SUPPLEMENTARY INFORMATION:**

**I. Obtaining Information and Submitting Comments**

**A. Obtaining Information**

Please refer to **NRC-2021-0164** or **Docket No. 11006421** when contacting the NRC about the availability of information for this action. You may obtain publicly available information related to this action by the following methods:

- **Federal Rulemaking Website:** Go to <https://www.regulations.gov> and search for Docket ID **NRC-2021-0164**.
- **NRC’s Public Website:** Go to <https://www.nrc.gov> and search for XW029, Docket No. 11006421, or Docket ID **NRC-2021-0164**.

- **NRC’s Agencywide Documents Access and Management System (ADAMS):** You may obtain publicly available documents online in the ADAMS Public Documents collection at <https://www.nrc.gov/reading-rm/adams.html>. To begin the search, select “Begin Web-based ADAMS Search.” For problems with ADAMS, please contact the NRC’s Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by email to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov). The export license application from PFNW is available in ADAMS under Accession No. ML21190A133.

- **Attention:** The PDR, where you may examine and order copies of public documents, is currently closed. You may submit your request to the PDR via email at

pdr.resource@nrc.gov or call 1-800-397-4209 or 301-415-4737, between 8:00 a.m. and 4:00 p.m. (ET), Monday through Friday, except Federal holidays.

#### B. Submitting Comments

The NRC encourages electronic comment submission through the **Federal Rulemaking Website** (<https://www.regulations.gov>). Please include **NRC-2021-0164** or **Docket No. 11006421** in your comment submission.

The NRC cautions you not to include identifying or contact information that you do not want to be publicly disclosed in your comment submission. The NRC will post all comment submissions at <https://www.regulations.gov> as well as enter the comment submissions into ADAMS. The NRC does not routinely edit comment submissions to remove identifying or contact information.

If you are requesting or aggregating comments from other persons for submission to the NRC, then you should inform those persons not to include identifying or contact information that they do not want to be publicly disclosed in their comment submission. Your request should state that the NRC does not routinely edit comment submissions to remove such information before making the comment submissions available to the public or entering the comment into ADAMS.

## II. Discussion

On July 8, 2021, the NRC received an application from PFNW requesting a specific license to export low-level radioactive waste to Canada. The application seeks authorization to export no greater than 1,379,102 kilograms and 3.99 terabecquerels (TBq) of liquid low-level radioactive waste generated from medical isotope and radiopharmaceuticals production. The application requests an expiration date of December 1, 2026.

In accordance with section 110.70 paragraph (b) of title 10 of the *Code of Federal Regulations* (10 CFR) the NRC is providing notice of the receipt of the application; providing the opportunity to submit written comments concerning the application; and providing the opportunity to request a hearing or petition for leave to

intervene, for a period of 30 days after publication of this notice in the *Federal Register*.

A hearing request or petition for leave to intervene must include the information specified in 10 CFR 110.82(b). Any request for hearing or petition for leave to intervene shall be served by the requestor or petitioner in accordance with 10 CFR 110.89(a), either by delivery, by mail, or filed with the NRC electronically in accordance with the NRC's E-Filing rule (72 FR 49139; August 28, 2007, as amended at 77 FR 46562; August 3, 2012). Detailed guidance on making electronic submissions may be found in the Guidance for Electronic Submissions to the NRC and on the NRC website at <https://www.nrc.gov/site-help/e-submittals.html>.

To comply with the procedural requirements of E-Filing, at least 10 days prior to the filing deadline, the participant should contact the Office of the Secretary by email at [Hearing.Docket@nrc.gov](mailto:Hearing.Docket@nrc.gov), or by telephone at 301-415-1677, to (1) request a digital identification (ID) certificate, which allows the participant (or its counsel or representative) to digitally sign submissions and access the E-Filing system for any proceeding in which it is participating; and (2) advise the Secretary that the participant will be submitting a petition or other adjudicatory document (even in instances in which the participant, or its counsel or representative, already holds an NRC-issued digital ID certificate). Based upon this information, the Secretary will establish an electronic docket for the hearing in this proceeding if the Secretary has not already established an electronic docket.

The information concerning this application for an export license follows.

#### **NRC EXPORT LICENSE APPLICATION**

<b>Application Information</b>	
<b>Name of Applicant</b>	Perma-Fix Northwest Richland, Inc. (PFNW)
<b>Date of Application</b>	July 2, 2021
<b>Date Received</b>	July 8, 2021
<b>Application No.</b>	XW029
<b>Docket No.</b>	11006421
<b>ADAMS Accession No.</b>	ML21190A133
<b>Description of Material</b>	
<b>Material Type</b>	Radioactive material consisting of liquid waste generated from medical isotope and radiopharmaceuticals production.

	The treated waste exported to Canada consists mainly of thermal treatment residual (ash) and some non-combustible metal.
<b>Total Quantity</b>	Authorization to export a total maximum quantity of waste will not exceed 1,379,102 kilograms. The maximum isotopic activity returned will be 3.99 TBq. Radionuclides potentially present in the waste include: Cd-115, Co-60, Cr-51, Cu-64, In-115m, K-42, Mo-93m, Mo-99, Nb-91m, Nb-92m, Nb-95, Nb-95m, Nb-96, Re-188, Sb-122, Sb-124, Ta-182, Ta-183, Tc-99m, W-185, W-187, W-188, and Zr-89.
<b>End Use</b>	Disposal in Canada
<b>Country of Destination</b>	Canada

Dated: September 9, 2021.

For the Nuclear Regulatory Commission.

David L. Skeen,  
Deputy Director,  
Office of International Programs.

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